

## NCPV Hotline — Week of April 23-30, 2007

### Weekly News Items

Some of the following news items are available as Adobe Acrobat PDFs. [Download Adobe Reader](#).

The National Center for Photovoltaics (NCPV), the National Renewable Energy Laboratory's (NREL's) center for PV research maintains an international communications system called the NCPV Hotline. The Hotline increases knowledge and awareness of PV industry and research happenings. Hotline participants receive important news items via email related to PV activities around the world. The contents have been relatively uncensored, because we depend on the good judgment of the contributors to separate fact from rumor.

#### (Links may expire)

Current and archived NCPV Hotline issues <link to [http://www.nrel.gov/pv/news\\_hotline.html](http://www.nrel.gov/pv/news_hotline.html)>

Disclaimer <link to [http://www.nrel.gov/pv/hotline/news\\_hotline\\_disclaimer.html](http://www.nrel.gov/pv/hotline/news_hotline_disclaimer.html)>

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#### 4-23-07 Reinecke + Pohl Sun Energy PV System with Thin Film Modules, Germany

Nastro-Umwelttechnik GmbH, a subsidiary of Reinecke + Pohl Sun Energy AG, started building the largest roof-top PV system with thin film modules in the world on a logistics depot in Ramstein, Germany. The system will be constructed using approximately 38,500 First Solar modules.

Story at Solarbuzz: <http://www.solarbuzz.com/news/NewsEUPR344.htm>

Reinecke + Pohl Sun Energy: [http://www.rpse.de/index\\_m.php](http://www.rpse.de/index_m.php)

First Solar: <http://www.firstsolar.com/>

#### 4-23-07 Juwi Solar Project with Thin Film Modules, Italy

Juwi Solar GmbH has installed its first solar project in Italy, and has opened a new sales office in Bolzano in the province of South Tyrol. The PV system, installed on the roof of a fruit cooperative, has a total output of 520 kW and uses thin-film modules from First Solar.

Story at Solarbuzz: <http://www.solarbuzz.com/news/NewsEUPR345.htm>

juwi: <http://www.juwi.de/intro.htm>

First Solar: <http://www.firstsolar.com/>

#### 4-23-07 First Solar Malaysian Plant

See the story "First Solar sees US\$200m revenue in maiden year" at:

[http://www.btimes.com.my/Current\\_News/BT/Monday/Nation/BT619342.txt/Article/](http://www.btimes.com.my/Current_News/BT/Monday/Nation/BT619342.txt/Article/) or

<http://tinyurl.com/36udow>

First Solar: <http://www.firstsolar.com/>

#### 4-23-07 Ersol Solar Cell Manufacturing

Ersol's solar cells division is building a new solar cell manufacturing plant in Germany. By the end of 2007, it anticipated that this new plant will provide 100 MWp, and one year later 120 MWp of nominal capacity. This would give the Ersol Group a nominal capacity of 220 MWp for crystalline solar cells in 2008 at its Arnstadt and Erfurt sites. Story at Solarbuzz:

<http://www.solarbuzz.com/news/NewsEUMA159.htm>

Ersol: <http://www.ersol.de/>

#### 4-23-07 Octillion Private Placement

Octillion Corp. announced it has completed a \$500,000 private placement with accredited investors. The proceeds will be used for working capital and general corporate purposes including ongoing R&D on nanosilicon PV solar cells. Press at:

<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7BDEDE5BFD3%2DDC86%2D4C55%2D8402%2D51CE3EDE9D40%7D&siteid=mktw&dist=nbk&symb> or <http://tinyurl.com/39arl6>

Octillion: <http://www.octillioncorp.com/>

#### **4-23-07 More on Colorado 8.22 MW PV Plant**

Dignitaries including Colorado Governor Bill Ritter, U.S. Senator Ken Salazar, and executives from SunEdison and Xcel Energy spoke at a groundbreaking ceremony for the 8.22 MW Alamosa Photovoltaic Solar Plant. Press at Solarbuzz: <http://www.solarbuzz.com/News/NewsNAPR785.htm>  
SunEdison: <http://www.sunedison.com/>

#### **4-23-07 More on the Wake Forest Plastic Solar Cell**

Researchers at Wake Forest University's Center for Nanotechnology and Molecular Materials announced that they have pushed the efficiency of plastic solar cells to more than 6%.  
Story at Solarbuzz: <http://www.solarbuzz.com/news/NewsNATE44.htm>

#### **4-23-07 Suntech Power Holdings Agreement to Supply Modules**

Suntech Power Holdings, Ltd., announced that it has reached an agreement to supply close to 3,000 solar modules for installation in the San Francisco International's Airport's new Terminal T3 solar project. The modules will be installed by San Francisco-based BASS Electric. Press at RenewableEnergyAccess: <http://www.renewableenergyaccess.com/rea/news/story.jsessionid=50E83CA3E7FD65C80448AAF9BB5E88D3?id=48229> or <http://tinyurl.com/2k5m7k> and  
Solarbuzz: <http://www.solarbuzz.com/News/NewsNAPR786.htm>  
Suntech: <http://www.suntech-power.com/>  
BASS Electric: <http://www.basselectric.net/>

#### **4-23-07 Shi Zhengrong, Suntech Featured**

See "Chinese Scientist Finds Wealth in Solar" featuring Shi Zhengrong of Suntech Power, at: <http://abclocal.go.com/wpvi/story?section=business&id=5234469> or [http://news.yahoo.com/s/ap/20070422/ap\\_on\\_bi\\_ge/china\\_sun\\_king\\_2](http://news.yahoo.com/s/ap/20070422/ap_on_bi_ge/china_sun_king_2) or <http://tinyurl.com/2rmftd>  
Suntech: <http://www.suntech-power.com/>

#### **4-23-07 Tiffany's Commercial Solar Projects with PowerLight**

Tiffany & Co. dedicated one of the East Coast's largest commercial solar projects. Tiffany's developed 1.3 MW of solar energy at its retail distribution centers in Whippany and Parsipanny, New Jersey. PowerLight PowerGuard® was selected for the PV system. Story at: <http://www.marketwatch.com/News/Story/Story.aspx?guid=%7BC339085F%2D8CA9%2D4824%2DB196%2D52A588D1C099%7D&siteid=mktw&dist=nbk&symb> or <http://tinyurl.com/2rbkks>  
SunPower/PowerLight: <http://www.sunpowercorp.com/>  
<http://www.powerlight.com/>

#### **4-23-07 Frito-Lay PV**

According to this press, Frito-Lay North America said it approved construction of the largest business-owned PV power system in Arizona. Press at: <http://www.eastvalleytribune.com/story/88232?source=rss&dest=STY-88232> or <http://tinyurl.com/2jnsW4>.  
To develop and install the new 201 kW PV system, Frito-Lay enlisted the help of American Solar Electric. See the story at Solarbuzz: <http://www.solarbuzz.com/news/NewsNAPR784.htm>  
American Solar Electric: <http://www.americanpv.com/>

#### **4-23-07 PV for Aquarium, California**

Pan Ocean Aquarium of Hayward, California has installed a 73.4 kW roof-mounted PV system for its 15,000 square foot facility utilizing the services of Borrego Solar, Inc. Story at RenewableEnergyAccess: <http://www.renewableenergyaccess.com/rea/partner/story.jsessionid=50E83CA3E7FD65C80448AAF9BB5E88D3?id=48237> or <http://tinyurl.com/2sp876>  
Borrego Solar: <http://www.borregosolar.com/>

#### **4-23-07 PV for Science Center, California**

The Reuben H. Fleet Science Center and San Diego Gas and Electric unveiled the installation of more than 10,000 square feet of solar panels on the roof of the Science Center. Story at: <http://www.marketwatch.com/News/Story/Story.aspx?guid=%7BECBD47F4%2D731D%2D4238%2DA4C2%2D38259059946E%7D&siteid=mktw&dist=nbk&symb> or <http://tinyurl.com/yt3c2t>

#### **4-23-07 PV for Arc of Amador and Calaveras, California**

Renewable Technologies, Inc. will be installing a 21 kW SolarStar® Electrical Energy System for Arc of Amador and Calaveras. The system will use 141 SolarWorld panels and 3 SMA America inverters.

Press from Renewable Technologies Incorporated: <http://www.renewable.com/>

The Arc: [http://www.arcofamador.org/contact\\_us.htm](http://www.arcofamador.org/contact_us.htm)

#### **4-23-07 Nellis AFB PV**

Construction has started on the multi-MW PV system at Nellis Air Force Base in Nevada with approximately 70,000 solar panels and the patented PowerLight PowerTracker®. MMA Renewable Ventures will finance, own, and operate the system and sell power to Nellis under the terms of a Power Purchase Agreement. Story at Solarbuzz: <http://www.solarbuzz.com/News/NewsNAPR787.htm>

PowerLight: <http://www.powerlight.com/>

MMA Renewable Ventures: <http://www.mmarenewableventures.com/>

#### **4-23-07 PV Manufacturer Shipments & Competitive Analysis Report, Navigant Consulting**

For information on Navigant Consulting's "Photovoltaic Manufacturer Shipments & Competitive Analysis 2006/2007" report by Paula Mints and Dan Tomlinson, see the pdf at:

[http://www.navigantconsulting.com/A559B1/navigantnew.nsf/vGNCNTByDocKey/PP8069C0284930/\\$FILE/PV\\_Solar\\_ReportNB\\_07.pdf](http://www.navigantconsulting.com/A559B1/navigantnew.nsf/vGNCNTByDocKey/PP8069C0284930/$FILE/PV_Solar_ReportNB_07.pdf)

A preview in Solar Outlook is available at:

[http://www.navigantconsulting.com/A559B1/navigantnew.nsf/vGNCNTByDocKey/PPD8DB6A453629/\\$FILE/PreReleaseSO200707-1vs4.0.pdf](http://www.navigantconsulting.com/A559B1/navigantnew.nsf/vGNCNTByDocKey/PPD8DB6A453629/$FILE/PreReleaseSO200707-1vs4.0.pdf)

Navigant "Renewable & Distributed Energy:

<http://www.navigantconsulting.com/A559B1/navigantnew.nsf/fCNTDspRead?OpenForm&Cat1=LA2&Cat2=LB3&Cat3=LC6> or <http://tinyurl.com/nblz2>

#### **4-23-07 Republic of Congo Trade Delegation at Solar EnerTech**

Solar EnerTech Corp. announced the recent visit by an official 11-member governmental trade delegation from The Republic of Congo at the company's solar cell plant in Shanghai. The visit comes as a result of the Sino-Africa Economic Cooperation Summit held last November in Beijing, which was attended by 54 leaders from a number of African nations. Press at:

<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7BF82D3742%2DE358%2D4B1F%2DB215%2DF86AF708AE98%7D&siteid=mktw&dist=nbk&symb> or <http://tinyurl.com/2vtkm4>

Solar EnerTech: <http://www.solarenerotech.com/>

#### **4-23-07 GT Solar President, CEO, Director**

GT Solar Incorporated announced that Thomas Zarrella has been elected president, chief executive officer and director of its parent company, GT Solar International, Inc. Press at:

<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7B2309B680%2D7320%2D49C2%2D8399%2D7ACD70062D0E%7D&siteid=mktw&dist=nbk&symb> or <http://tinyurl.com/2obukl>

GT Solar Incorporated: <http://www.gtsolar.com/>

#### **4-23-07 Enerize In-line Quality Assurance**

Enerize Corporation has developed nondestructive testing methods and equipment that can be applied to real time in-line quality assurance in manufacturing of solar cells, lithium-ion batteries, fuel cells, and supercapacitors. Press at:

<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7B55CD0424%2D38E6%2D404D%2DA6A5%2D4C33E618EF98%7D&siteid=mktw&dist=nbk&symb> or <http://tinyurl.com/3csal2>

Enerize: <http://www.enerize.com/cTeam.php>

#### **4-23-07 Solar in Oregon**

New, higher cash incentives from Energy Trust of Oregon for commercial solar electric systems will support PV systems up to 50 kW, and the maximum incentive has been increased to \$70,000. Story at RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/news/story.jsessionid=50E83CA3E7FD65C80448AAF9BB5E88D3?id=48225> or <http://tinyurl.com/3b478b>

Energy Trust of Oregon: <http://www.energytrust.org/RR/PV/index.html>

#### **4-23-07 Saved by the Sun”**

See NOVA’s “Saved by the Sun” on PBS on 24 April. For a two –minute preview, visit:

<http://www.pbs.org/wgbh/nova/solar/>

#### **4-23-07 FPL RFP**

Florida Power & Light announced that it has issued a request for proposals to identify and select new renewable generation resources. Press at:

<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7B00D41F62%2DE963%2D494F%2D9F86%2D72EBFFDD2479%7D&siteid=mktw&dist=nbk&symb> or <http://tinyurl.com/3xc5vp>

FPL: <http://www.fpl.com/environment/gogreen/index.shtml?id=alias> or <http://tinyurl.com/3d68nn>

#### **4-23-07 International Materials Research Congress**

For the Symposium, “Photovoltaics, Solar Energy Materials and Thin Films” at the XVI International Materials Research Congress, 19 – 23 August 2007 in Cancun, Mexico, see:

<http://xml.cie.unam.mx/xml/ms/shcdc/xm/imrc2007/>

#### **4-23-07 Solar Powered Boats**

Eight hundred students will race solar-powered boats in the fifth annual Solar Cup at Lake Skinner near Temecula, California. Press at:

<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7BE2024317%2D9F12%2D4CAB%2DBBBE%2D259E9CD72EE2%7D&siteid=mktw&dist=nbk&symb> or <http://tinyurl.com/3cel9h>

Solar Cup: [http://www.mwdh2o.com/mwdh2o/pages/education/solar\\_cup\\_01.html](http://www.mwdh2o.com/mwdh2o/pages/education/solar_cup_01.html) or <http://tinyurl.com/393e5a>

#### **In related solar news...**

#### **4-23-07 HLT Energies Private Placement**

HLT Energies Inc. announced the closing of a private placement and changes in the senior management. Press at:

<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7B19410C15%2DBCB5%2D43D1%2D98E8%2D87CF76797CD4%7D&siteid=mktw&dist=nbk&symb> or <http://tinyurl.com/ys7ze8>

HLT Energies: <http://www.hltenergies.com/>

#### **4-24-07 Soliant Concentrating Solar Platform**

See the interview/podcast “Soliant Energy Targets Rooftops with its Concentrating Solar Platform” at

[http://energypriorities.com/entries/2007/04/soliant\\_hines\\_interview.php](http://energypriorities.com/entries/2007/04/soliant_hines_interview.php) or <http://tinyurl.com/2agt54>

Practical Instruments / Soliant Energy: <http://www.soliant-energy.com/news.php>

#### **4-24-07 ARISE Financing**

ARISE Technologies Corporation announced the successful completion of its previously announced short form prospectus financing. The company intends to use the net proceeds for construction and equipment in connection with its proposed German PV cell manufacturing plant, the company’s silicon operation, and general corporate purposes including working capital. Press at:

<http://www.centreforenergy.com/displayNewsArticle.asp?From=Sector&template=2,2&NewsID=9795952&ResultCategoryType=2,7&NewsPageID=3> or <http://tinyurl.com/34wqbw>

ARISE Technologies: <http://www.arisetech.com/>

#### **4-24-07 Sustainable Energy Technologies Partnership, Iberian Peninsula**

Sustainable Energy Technologies Ltd. announced that it is partnering with Trama TechnoAmbiental – a Spanish solar engineering firm – to provide sales and service support for the SUNERGY™ product in Spain and Portugal. Press at:

<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7BBCFC535C%2D68FB%2D4DE7%2DABDF%2D34C7ABCB673C%7D&siteid=mktw&dist=nbk&symb> or <http://tinyurl.com/3ypt7b>

Sustainable Energy Technologies: <http://www.sustainableenergy.com/SET-home/index.html>

Trama TechnoAmbiental: <http://www.tramatecnoambiental.es/>

#### **4-24-07 Power Conditioning Units for Brightfield PV Array, Brockton, Massachusetts**

SatCon Technology Corporation® reported that its power conditioning units for the 425 kW PV solar energy system located on the environmentally remediated brownfield (brightfield) have been providing efficient green power at a Brockton Massachusetts site since its dedication on October 26, 2007. More on the installation at:

<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7B208F6456%2D7036%2D4E61%2DB1A6%2D0E6CC8EBA83C%7D&siteid=mktw&dist=nbk&symb> or <http://tinyurl.com/2rqg6l>

SatCon: <http://www.satcon.com/>

Brockton Brightfield: [http://www.masstech.org/renewableenergy/press/pr\\_10\\_26\\_06\\_brockton.html](http://www.masstech.org/renewableenergy/press/pr_10_26_06_brockton.html) or <http://tinyurl.com/2gp26p>

#### **4-24-07 Fat Spaniel Technologies VP**

Fat Spaniel Technologies, Inc. announced that Gordon Smith has joined the company's executive team as vice president of marketing. Press at:

<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7B6E22FD77%2DCECE%2D4429%2DA6D7%2DF940D77433DA%7D&siteid=mktw&dist=nbk&symb> or <http://tinyurl.com/2gwbuh>

Fat Spaniel Technologies: <http://www.fatspaniel.com/>

#### **4-24-07 More on Interview with Applied Materials' Splinter**

See the story "A new energy for chip industry" featuring an interview with Michael Splinter, Applied Materials, at: [http://www.siliconvalley.com/news/ci\\_5726635](http://www.siliconvalley.com/news/ci_5726635)

Applied Materials: [http://www.appliedmaterials.com/about/bio\\_michael\\_splinter.html](http://www.appliedmaterials.com/about/bio_michael_splinter.html)

#### **4-24-07 Solar Schools Program**

SolarCity has joined with Pacific Gas and Electric Company's "Solar Schools Program" and the Foundation for Environmental Education in agreeing to install more than 70 1-kW solar learning towers this year that will catalyze solar power interest and education around California. Press at:

<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7B8A5E511D%2D3AD9%2D4C66%2D820D%2D3FC712F679C0%7D&siteid=mktw&dist=nbk&symb> or <http://tinyurl.com/2rm7oq>

SolarCity: <http://www.solarcity.com/>

FEE: <http://www.learnenergy.org/>

PG&E: <http://www.pge.com/solarschools/>  
<http://www.pge.com/giving>

#### **In related solar news...**

#### **4-24-07 More on Environment California Report**

A coalition of policy makers, environmental groups and businesses launched a campaign to expand California's solar power market to include solar water heating. More on this story, and a report on the subject by Environment California, at:

[http://www.californiaprogressreport.com/2007/04/coalition\\_calls.html](http://www.californiaprogressreport.com/2007/04/coalition_calls.html) or <http://tinyurl.com/yqhmzo>

#### **4-25-07 Asia-Pacific Partnership on Clean Development and Climate Funding Opportunity Announcement**

As part of the U.S. government's participation in the Asia-Pacific Partnership on Clean Development and Climate, the Department of State (DOS) is soliciting Concept Papers from organizations interested in contributing to the Partnership's goals through innovative public-private partnerships. Through this announcement, DOS is soliciting applicants for activities to be undertaken in India. Applicants that submit Concept Papers that are judged by an evaluation team as meeting the APP project requirements will be invited to submit a full proposal. Eight key sectors (task forces) are covered including buildings and appliances, and renewable energy and distributed generation. The DOS has requested \$26 million to fund Partnership activities in FY 2007. Grants will be awarded in the range of \$200,000 to \$2,000,000. The deadline for submitting Concept Papers is being extended to May 2, 2007. Information at

Grants.gov: <http://www.grants.gov/search/search.do?oppld=13426&mode=VIEW> or <http://tinyurl.com/2mpgpz> and

<http://www.grants.gov/search/announce.do;jsessionid=GvVfZprVtQTxVH92ZyNq220nH1cGRQV0tBb2Q67Fm2vWq6znf26wl-1851882750>



or <http://tinyurl.com/2sof7x>

Asia-Pacific Partnership on Clean Development and Climate: <http://www.asiapacificpartnership.org/>  
U.S. Department of State, Asia-Pacific Partnership on Clean Development:  
<http://www.state.gov/g/oes/rls/fs/50314.htm>

#### **4-25-07 NIST Advanced Technology Program Competition**

The National Institute of Standards and Technology's Advanced Technology Program provides cost-shared multi-year funding to single companies and to industry-led joint ventures to accelerate the development of challenging, high-risk technologies with the potential for significant commercial payoffs and widespread benefits for the nation. FY 2007 appropriations include funding of about \$60 million for new ATP awards. A single company can receive up to a total of \$2 million for R&D activities for up to 3 years. A joint venture can receive funds for R&D activities for up to 5 years with no funding limitation other than availability of funds. For information on the NIST Advanced Technology Program 2007 Competition, see the website at: <http://www.atp.nist.gov/atp/apply.htm>

#### **4-25-07 SunPower / PowerLight in Spain**

SunPower Corporation announced a number of solar power plant projects being built or supplied by its PowerLight subsidiary. These projects will expand PowerLight's footprint in Spain to more than 61 MW. More on these projects at Solarbuzz: <http://www.solarbuzz.com/News/NewsEUPR346.htm>  
SunPower: <http://www.sunpowercorp.com/>  
PowerLight: <http://www.powerlight.com/>

#### **4-25-07 Solar Integrated / UPC Solar Management Agreement**

Solar Integrated Technologies said that it has entered into a preferred supply and cooperation agreement with UPC Solar Management, LLC, under which Solar Integrated will be the preferred supplier to UPC Solar of BIPV roofing systems and certain other thin film solar products, solar roofing installation services, and renewable energy management software systems for solar installations. UPC Solar will be Solar Integrated's preferred developer for solar energy projects in the United States where the end customer prefers to purchase solar generated electricity under a long-term power purchase agreement. Story at Solarbuzz: <http://www.solarbuzz.com/News/NewsNACO556.htm>  
Solar Integrated: <http://www.solarintegrated.com/>

#### **4-25-07 Transmission Breakthrough for Wind, Solar**

Native American Energy Group, Inc. reported that the newly proposed construction of a 203-mile-long transmission line tying Alberta into the U.S. power grid in Montana might be the solution that allows NAEG to tap the potential for wind and solar generation in Montana. Story at:  
<http://www.marketwatch.com/news/story/story.aspx?guid={9A2D6737-E095-4E79-806A-1DB06C0C54DD}&siteid=nbk&symb> or <http://tinyurl.com/2autw5>  
Native American Energy Group: <http://www.nativeamericanenergy.com/investorrelations.htm>  
<http://nativeamericanenergy.com/>

#### **4-25-07 BP Solar Cell Plants / First Quarter Results**

In March, BP Solar began construction of two mega solar cell plants, one at its European headquarters in Madrid, Spain and the second at its joint venture facility, Tata BP Solar, in Bangalore, India. See more on BP first quarter 2007 results at:  
<http://www.marketwatch.com/News/Story/Story.aspx?guid=%7BABBCA350%2DC62E%2D4DCA%2D9365%2DAC428ED18EBD%7D&siteid=mktw&dist=nbk&symb> or <http://tinyurl.com/29gele>  
BP: <http://www.bp.com/home.do?categoryId=1>  
BP Solar: <http://www.bp.com/productslistsearch.do?categoryId=9007964&contentId=7015542> or  
<http://tinyurl.com/2zpqg8>

#### **4-25-07 ProtoFlex Solar Cell Measurements [ProtoFlex]**

According to a notice from ProtoFlex, for a limited time, ProtoFlex Corporation is offering quantum efficiency and transmission measurements of solar cells free of charge. The measurements will be conducted using ProtoFlex's QE 1400 Quantum Efficiency Measurement System. The offer is being made to demonstrate the capabilities of the instruments to the PV community according to Dr. Pawan Bhat, Chief Technological Officer of the company. ProtoFlex:

[http://www.protoflexcorp.com/products/quantum\\_efficiency.html](http://www.protoflexcorp.com/products/quantum_efficiency.html)

Contacts Jordana Pilmanis or Dr. Pawan Bhat at 303-771-0809

#### **4-25-07 IREC Newsletters [Jane Pulaski]**

For the latest issue of the Interstate Renewable Energy Council's State & Stakeholder Newsletter and Connecting to the Grid Newsletter, with news from IREC programs, schools going solar, connecting to the grid, incentives & rebates, national outreach, workforce development, training & accreditation, grants & RFPs, upcoming events, and other topics, see: <http://www.irecusa.org/> (see Newsletters)

#### **4-25-07 Pennsylvania's Clean Energy Market**

Citizens for Pennsylvania's Future will hold its annual national conference of renewable energy leaders and advocates on 31 May 2007. The conference will focus on building the clean energy market through implementation of Pennsylvania's energy law, the Alternative Energy Portfolio Standard, and Governor Rendell's Energy Independence Strategy. Information at:

<http://www.marketwatch.com/news/story/story.aspx?guid={1EF3C9FE-48EE-4B0C-9C8B-4D02F8BE4B87}&siteid=nbk&symb> or <http://tinyurl.com/2gyjkz>

PennFuture: <http://www.pennfuture.org/energy.aspx>

#### **4-25-07 More on Maryland Solar Energy**

See the article "Maryland Approves Energy Efficiency and Solar Energy Bills" at EERE Network News:

[http://www.eere.energy.gov/news/enn.cfm?id\\_10732](http://www.eere.energy.gov/news/enn.cfm?id_10732)

EERE Network News [Kevin Eber]: <http://www.eere.energy.gov/news/>

#### **4-25-07 GridPoint Highlighted / Executive Vice President and Managing Director, Utility Division**

GridPoint, Inc. announced that Gartner identified the company as one of the top 5 emerging technology vendors in the new research report Cool Vendors in Energy and Utilities 2007. Press at:

<http://www.marketwatch.com/news/story/story.aspx?guid={71E88C99-223B-496A-83A8-7DBDF7BA6506}&siteid=nbk&symb> or <http://tinyurl.com/2tsgkd>

GridPoint: <http://www.gridpoint.com/>

Gartner: [http://www.gartner.com/it/about\\_gartner.jsp](http://www.gartner.com/it/about_gartner.jsp)

GridPoint announced the appointment of Louis Szablya as Executive Vice President and Managing Director, Utility Division, during GridWeek 2007. Szablya has overall responsibility for sales and delivery of the GridPoint SmartGrid Platform™, showcased at the conference. Story at:

<http://www.marketwatch.com/news/story/story.aspx?guid={6BEC07DC-406D-4734-B27F-1449C759B297}&siteid=nbk&symb> or <http://tinyurl.com/3clkyl>

GridPoint: <http://www.gridpoint.com/>

GridWeek: <http://www.gridweek.com/2007/default.asp>

#### **4-25-07 Strategic Alliance for Smart Grid Requirements**

Five companies announced a strategic alliance called GridNet NOW to focus on the smart grid requirements of municipal and cooperative utilities. See "GridNet NOW aims to make power grid smarter" at Inside greentech: <http://www.insidegreentech.com/node/1080>

#### **4-25-07 Renewable Hydrogen**

H2 ECONomy, an Armenia-based international fuel cell R&D company, unveiled a renewable energy system developed as part of the U.S. government's Global Initiatives for Proliferation Prevention project. The system includes a 30-module PV array. More at RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/news/story?id=48247>

H2ECONomy: <http://www.h2economy.com/>

#### **4-25-07 Solar Power Featured**

See "Solar-Power Sunrise" at MSNBC: <http://cosmiclog.msnbc.msn.com/archive/2007/04/23/165659.aspx>  
NOVA: <http://www.pbs.org/wgbh/nova/solar/>

#### **4-25-07 Solar Energy Harvesting**

See the story "Nanoscale 'Coaxial Cables' for Solar Energy Harvesting" at Physorg.com:  
<http://www.physorg.com/news96557368.html>

#### **4-25-07 Solar and Wind in Vietnam**

A paper on how to put Vietnam on the global map of solar and wind energy by 2010 is being presented at the 7<sup>th</sup> Asia Pacific Roundtable for Sustainable Consumption and Production, 25-27 April in Vietnam.  
More at RenewableEnergyAccess: <http://www.renewableenergyaccess.com/rea/news/story?id=48248>  
Asia Pacific Roundtable: <http://www.aprscp.org/>

#### **4-25-07 Organic PV Conference**

For information on the Organic Photovoltaics conference set for 1-2 May 2007 in Baltimore, Maryland, see RenewableEnergyAccess at: <http://www.renewableenergyaccess.com/rea/events/view?id=44498>  
Organic Photovoltaics 2007:  
<http://www.intertechusa.com/conferences/conferenceDetail.aspx?displayDetail=overview&WCID=195> or  
<http://tinyurl.com/2oykwp>

#### **4-25-07 PV Workshop, Massachusetts**

Alternative Energy Store will offer their second public workshop, Introduction to Photovoltaics, 28 April at its headquarters in Hudson, Massachusetts. Information at:  
<http://www.renewableenergyaccess.com/rea/partner/story?id=48254> or <http://tinyurl.com/2u2t58>  
Alternative Energy Store: <http://workshops.altenergystore.com/>  
Workshop: <http://store.altenergystore.com/Books-Workshops-Videos/Workshops/Introduction-to-Photovoltaics/p5530/?source=reaccessPR> or <http://tinyurl.com/2ak3jm>

#### **4-25-07 Renewable Energy Markets Worldwide**

See the story "Renewable Energy Markets Worldwide Driven by Climate Change, Says Swiss Study" with coverage of the Helmut Kaiser Consultancy study "Clean Energy and Renewable Energy Market Worldwide, 2007-2010-2015", at RenewableEnergyAccess:  
<http://www.renewableenergyaccess.com/rea/news/story?id=48240>  
Helmut Kaiser Consultancy: <http://www.hkc22.com/renewableenergy.html>

#### **4-25-07 European Sustainable Energy Forum**

The European Sustainable Energy Forum, which will enable Europe to share its sustainable energy experience with concerned experts from all parts of the world, is set for 2-6 July in Lucerne, Switzerland. Information at RenewableEnergyAccess:  
<http://www.renewableenergyaccess.com/rea/news/story?id=48231>  
Forum: <http://www.efcf.com/>

#### **4-25-07 Solar, Wind, and Global Warming**

See the commentary "Global Warming: Limits of Solar and Wind Power", at Znet:  
<http://www.zmag.org/content/showarticle.cfm?SectionID=56&ItemID=12654> or <http://tinyurl.com/yv5q3a>

#### **4-25-07 Research and Markets PV Reports**

Research and Markets announced the addition of "Global Market: Current & Next Generation Solar Cell Related Material Market Outlooks" to their offering. Information at:  
<http://www.marketwatch.com/news/story/story.aspx?guid={AF0D1D05-33F4-43E3-AED5-98FB1F564163}&siteid=nbk&symb> or <http://tinyurl.com/2v4ssf>  
Research and Markets report: <http://www.researchandmarkets.com/reports/c55075>  
See also "Solar Photovoltaic Market Potential" at:  
[http://www.researchandmarkets.com/product/31e6aa/solar\\_photovoltaic\\_market\\_potential](http://www.researchandmarkets.com/product/31e6aa/solar_photovoltaic_market_potential) or  
<http://tinyurl.com/yu5efb>



## **In related solar news...**

### **4-25-07 Solar HVAC**

SolCool Solar HVAC distribution has expanded in the United States, Mexico, the Caribbean, the Mediterranean, the Pacific, Malaysia, Singapore, Southern Europe and India. Press at RenewableEnergyAccess: <http://www.renewableenergyaccess.com/rea/partner/story?id=48253> or <http://tinyurl.com/3cjd18>  
SolCool: <http://www.solcool.net/>

### **4-26-07 Ontario's Renewable Energy Projects, 40 MW Solar Farm**

Ontario's electricity grid will soon get a boost from 14 new renewable energy projects including North America's largest solar farm awarded through the Standard Offer Program. One of the projects, to be built in Sarnia by OptiSolar Farms, will include over 1 million ground-mounted solar panels. The project will comprise 4 solar farms and will contribute 40 MW to the grid by 2010. See the story at Solarbuzz: <http://www.solarbuzz.com/News/NewsNAPR790.htm> and <http://www.reuters.com/article/basicindustries-SP-A/idUSN2647860720070426> or <http://tinyurl.com/yv5hwm> and [http://biz.yahoo.com/ap/070426/mi\\_canada\\_solar\\_farm.html?.v=1](http://biz.yahoo.com/ap/070426/mi_canada_solar_farm.html?.v=1)  
OptiSolar: <http://www.optisolar.com/>

### **4-26-07 Renewable Energy Corporation Polysilicon and Wafer Production Capacity**

Renewable Energy Corporation has decided to invest \$485 million in additional 9,000 MT of silane and 6,000 MT of polysilicon capacity in the U.S., and NOK 200 million in additional 50 MW wafer capacity in Glomfjord, Norway. Story at Solarbuzz: <http://www.solarbuzz.com/News/NewsEUMA160.htm>  
REC: <http://www.recgroup.com/>

### **4-26-07 GT Solar International IPO**

GT Solar International Inc. filed to raise up to \$200 million in an IPO. Press at: <http://www.marketwatch.com/News/Story/Story.aspx?guid=%7B848C7442%2D3376%2D41DE%2DB70B%2D92928237E4E7%7D&siteid=nbk> or <http://tinyurl.com/2gpt4x>  
<http://www.reuters.com/article/newIssuesNews/idUSWNA035020070426> or <http://tinyurl.com/2y8ezy>  
GT Solar: <http://www.gtsolar.com/index.php>

### **4-26-07 China Sunenergy IPO**

China Sunenergy Co. filed with U.S. regulators to raise up to \$100 million in an IPO. Press at: <http://www.marketwatch.com/News/Story/Story.aspx?guid=%7BBA45A724%2DBA7F%2D4399%2DB6E1%2D63F987D6A5E3%7D&siteid=nbk> or <http://tinyurl.com/2h2xxn>

### **4-26-07 California Solar Energy Market "PV Trade Mission", SolarPlaza**

To explore business opportunities and visit new global PV companies in the "Solar Silicon Valley" region, SolarPlaza is organizing its 6th international PV trade mission to California from 10 to 15 June. The tour will include company visits to the "hottest" PV companies in the USA, like Miasolé, Applied Materials, and Akeena Solar. In cooperation with the California Solar Energy Industries Association, the implications of the California Solar Initiative will be discussed in detail in a special symposium on 11 June. A symposium on 13 June will be focused on VC-funded California PV manufacturers working on next-generation PV technologies like CIGS and concentrator modules. And, a matchmaking and workshop even will be organized. See more on this event at  
SolarPlaza: <http://www.solarplaza.com/content/pagina/SolarPlazaCalifornia/44978> or <http://tinyurl.com/34gaya>

### **4-26-07 Kohl's Going Solar**

Working with SunEdison, Kohl's Corp. will convert most of its California department stores to solar power starting next month. See the press at: <http://www.jsonline.com/story/index.aspx?id=596541> and <http://milwaukee.bizjournals.com/milwaukee/stories/2007/04/23/daily35.html> or <http://tinyurl.com/ynsr7m>  
SunEdison: <http://www.sunedison.com/>

#### **4-26-07 BIPV in New York**

New York Mayor Bloomberg has allocated \$3 million from the city's budget for the construction of a carbon neutral building. The building will be built by Solar One and will generate more energy than it consumes, with features such as BIPV. Information at:

<http://www.marketwatch.com/news/story/story.aspx?guid={339C05D5-3774-437B-B028-D426F47CC3A8}&siteid=nbk&symb=> or <http://tinyurl.com/ysc7cq>

Solar One: <http://www.solar1.org/about/index.html>

#### **4-26-07 Honeywell / SPG PV, California**

Honeywell will install solar panels on the roofs of new carports at five sites in Riverside County, California. Residents and visitors will be able to monitor solar production via a Web site. The SolarPorts are being designed by SPG Solar, Inc.

See the story at: <http://www.marketwatch.com/news/story/story.aspx?guid={D0E72E13-CF9C-43C4-BBED-F08ECDCEDF27}&siteid=nbk&symb=> or <http://tinyurl.com/24vevq>

Honeywell: <http://www.honeywell.com/>

SPG Solar: <http://www.spgsolar.com/>

#### **4-26-07 Acquisition of Nuvo Solar Energy**

Interactive Games, Inc. announced that it has finalized and executed definitive merger documents for the acquisition of Nuvo Solar Energy, Inc. Press at:

<http://www.marketwatch.com/news/story/story.aspx?guid={7BC790D4-95F1-431E-A4AD-3ECEF9866278}&siteid=nbk&symb=> or <http://tinyurl.com/2r9vjik>

#### **4-26-07 EMCORE Results**

EMCORE Corporation announced preliminary unaudited financial results for its fiscal 2007 first quarter ended 31 December 2006. Press at:

<http://www.marketwatch.com/news/story/story.aspx?guid={74FFF535-6E95-4C10-88F9-5CE51E00B653}&siteid=nbk&symb=> or <http://tinyurl.com/yujwxq> (search on "solar")

EMCORE: <http://www.emcore.com/>

#### **4-26-07 SunPower Results**

SunPower Corporation announced financial results for the 2007 first quarter ended 31 March 2007.

Press at: <http://www.marketwatch.com/news/story/story.aspx?guid={20B75309-811B-400D-8960-9B04BB64C299}&siteid=nbk&symb=> or <http://tinyurl.com/yq5w75>

SunPower: <http://www.sunpowercorp.com/>

#### **4-26-07 Advanced Energy Results**

Advanced Energy Industries, Inc. announced financial results for the first quarter ended 31 March 2007.

Press at: <http://www.marketwatch.com/news/story/story.aspx?guid={7D793FC6-E968-41A2-9EAF-88D710CCA944}&siteid=nbk&symb=> or <http://tinyurl.com/3e26ul>

Advanced Energy: <http://ir.advanced-energy.com/phoenix.zhtml?c=105985&p=irol-irhome>

#### **4-26-07 Impact of State RPS Initiatives**

See the information on RenewableEnergyAccess' Podcast "The Collective Impact of State RPS Initiatives" at: <http://www.renewableenergyaccess.com/rea/news/podcast?id=48272> or

<http://tinyurl.com/2pl3vq> Other topics are also covered in the Podcast.

#### **4-26-07 Joint Outlook on Renewable Energy**

A briefing hosted by the American Council On Renewable Energy and 14 other organizations in renewable energy will be held May 1, 2007 in Washington, DC, followed by a reception, introducing the report titled 2007 Joint Outlook on Renewable Energy in America.

ACORE: <http://www.acore.org/>

#### **4-26-07 PV in the Mediterranean**

An announcement at the 2nd Photovoltaic Mediterranean Conference in Athens stated that by 2020, PV electricity will be able to provide power to more than 26 million households in the Mediterranean. Story at RenewableEnergyAccess: <http://www.renewableenergyaccess.com/rea/news/story?id=48279> or <http://tinyurl.com/yszrh> PV Med: <http://www.pvmed.org/>

#### **4-26-07 Hydrogen Engine Center at Conference**

Hydrogen Engine Center, Inc. announced that the company's COO, Don Vanderbrook, is presenting at the FSX Conference in San Francisco 26 April. By integrating our engine control technology and air/fuel delivery technology to our line of Oxx Power™ engines, we provide a prime mover that can be coupled with other forms of renewable energy, such as solar or wind, to provide a seamless power solution that can even be grid independent, said Vanderbrook. Press at:

<http://www.marketwatch.com/news/story/story.aspx?guid={5FD46AEE-2DDA-4D33-9D21-8B957E075F69}&siteid=nbk&symb=> or <http://tinyurl.com/yp4aqa>

HEC: <http://www.hydrogenenginecenter.com/>

FSX Conference: <http://www.fsxone.com/>

#### **4-26-07 Distributed Energy Resources Business Models**

For information on "Distributed Energy Resources – Emerging Business Models for Utilities", 14-15 June 2007 in Austin, Texas, see: <http://www.euci.com/pdf/0607-distributed-energy.pdf>

#### **4-26-07 Keynotes at SEMICON West 2007**

SEMICON West 2007 is set for the week of 16-20 July in San Francisco, California. Presentations will focus on a range of topics that are revolutionizing the advanced manufacturing world including new opportunities for the solar energy market and advances in design-for-manufacturing. See the keynotes at:

<http://www.marketwatch.com/news/story/story.aspx?guid={E12CF466-EC47-479F-A8D4-841C7E457E8C}&siteid=nbk&symb=> or <http://tinyurl.com/27gg2y> SEMICON West 2007:

<http://www.semiconwest.org/index.htm>

Semi: <http://www.semi.org/>

#### **4-26-07 ARPA-E Moves Forward**

The Senate approved a broad science research and education bill, S. 761, that would create a special agency within the Department of Energy to spur research into breakthrough energy technologies. The "America COMPETES Act" would create an Advanced Research Projects Agency-Energy within the DOE tasked with addressing long-term and high-risk technological barriers in the development of energy technologies – including renewables, fossil energy, nuclear, efficiency, and carbon sequestration. Information from E&E Daily [subscription].

#### **4-26-07 Emerging Nanotechnologies**

The Project on Emerging Nanotechnologies is an initiative launched by the Woodrow Wilson International Center for Scholars and the Pew Charitable Trusts in 2005. It is dedicated to helping business, government and the public anticipate and managing possible health and environmental implications of nanotechnology. For a new report from this project, see the press at:

<http://www.marketwatch.com/news/story/story.aspx?guid={B2C646B4-0DF9-47B0-9024-C81C197C9287}&siteid=nbk&symb=> or <http://tinyurl.com/2c7779>

Nanotech Project: <http://www.nanotechproject.org/>

See also information on Nanotech 2007 at: <http://www.nsti.org/Nanotech2007/>

#### **4-27-07 Solar-Fabrik Results**

For financial results from Solar-Fabrik, see the press at: <http://www.ad-hoc-news.de/AdHocNews/en/11574829/euro-adhoc-Solar-Fabrik-AG-quarterly-or-semiannual> or <http://tinyurl.com/2no2px>

Solar-Fabrik: <http://www.solar-fabrik.com/index.php?id=27>

#### **4-27-07 ReneSola Results**

For coverage of results from ReneSola, see the press at: [http://www.sharecast.com/cgi-bin/sharecast/story.cgi?story\\_id=1239107](http://www.sharecast.com/cgi-bin/sharecast/story.cgi?story_id=1239107) or <http://tinyurl.com/3abumw>  
<http://www.hemscott.com/news/latest-news/item.do?newsId=42494406540463> or <http://tinyurl.com/2sgc99>

ReneSola: <http://www.renesola.com/>

#### **4-27-07 MEMC Quarter Results**

MEMC Electronic Materials, Inc. reported financial results for the quarter ended 31 March 2007. Press at: <http://www.marketwatch.com/news/story/story.aspx?guid={2B4800A5-627C-4328-9121-921939EB72F2}&siteid=nbk&symb=> or <http://tinyurl.com/yvc46m> (search on "solar")

MEMC: <http://www.memc.com/default-netscape.asp>

#### **4-27-07 New Hampshire RPS**

New Hampshire passed a renewable portfolio standard, which will require state utilities to generate 25% of their electricity from renewable resources by 2025. Story at RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/news/story?id=48298>

#### **4-27-07 Solar-powered Lighting, Washington**

Carmanah Technologies Corporation announced it has entered a supply agreement with the King County Metro Transit to provide up to Cdn\$1.1 million in solar-powered LED bus shelter lighting, bus stop lighting, signaling devices and spare parts. Press at:

<http://www.renewableenergyaccess.com/rea/partner/story;jsessionid=284385B5914FC19A35F7222691B8C2E6?id=48307> or <http://tinyurl.com/2yzqja>

Carmanah: <http://www.transitlights.com/> <http://www.carmanah.com/>

#### **4-27-07 Xantrex in Solar America Initiative Partnerships**

Xantrex Technology Inc. announced it was selected to develop next generation solar inverters to support DOE's Solar America Initiative. In March, DOE announced the selection and future funding of 13 technology partnerships, and Xantrex is partnered with consortiums in four of those projects. More at:

<http://www.marketwatch.com/news/story/story.aspx?guid={0C8164E6-6FBC-4A87-9EC5-BC939F21F6BA}&siteid=nbk&symb=> or <http://tinyurl.com/ywx7y3>

Xantrex: <http://www.xantrex.com/>

Solar America Initiative: [http://www.eere.energy.gov/solar/solar\\_america/funding\\_opportunities.html](http://www.eere.energy.gov/solar/solar_america/funding_opportunities.html) or <http://tinyurl.com/2ypdy2>

#### **4-30-07 Alamosa PV Solar Plant Supplier**

SunEdison announced that it has selected Suntech Power Holdings as the key supplier for the 8.22-MW Alamosa Photovoltaic Solar Plant. Suntech will provide more than 27,000 solar panels that will generate most of the plant's electricity once the project is completed. Press at RenewableEnergyAccess:

<http://www.renewableenergyaccess.com/rea/partner/story;jsessionid=A39BF5669488F906D09AAAC8F1C81AEA?id=48312> or <http://tinyurl.com/35gkam>

SunEdison: <http://www.sunedison.com/>

Suntech: <http://www.suntech-power.com/>

#### **4-30-07 Solar EnerTech Product Demand**

Solar EnerTech Corp. announced that during April, it received 6 new purchase orders from Spain, Malaysia, Turkey and South Africa, as well as from domestic buyers. The company is accelerating its manufacturing capacity to meet this demand by launching a 2-shift work schedule for its 25 MW solar cell production line. More at: <http://www.marketwatch.com/news/story/story.aspx?guid={BBA3A6B3-E395-4DA8-B9C8-C5D4F1C8F381}&siteid=nbk&symb=> or <http://tinyurl.com/2kxvym>

Solar EnerTech: <http://www.solarenertech.com/>

#### **4-30-07 Solar at Target Stores**

Target Corp. has installed solar panels on the roofs of 4 of its California retail stores and plans to install similar systems at 14 more locations later this year. Story at:  
<http://www.mlive.com/business/ambizdaily/bizjournals/index.ssf?/base/abd-3/1177915233122600.xml> or  
<http://tinyurl.com/38h79w>

#### **4-30-07 Solar In Developing Nations**

A solar power project in India supplying electricity to 100,000 people will be widened to other developing nations says a UN report. Story at:  
[http://australianit.news.com.au/articles/0,7204,21644795%5e15306%5e%5enbv%5e15306,00.html?from=public\\_rss](http://australianit.news.com.au/articles/0,7204,21644795%5e15306%5e%5enbv%5e15306,00.html?from=public_rss) or <http://tinyurl.com/2qp8xp> and <http://news.bbc.co.uk/1/hi/sci/tech/6600213.stm>

#### **4-30-07 Princeton University PV**

Premier Power Renewable Energy, Inc. and Princeton Power Systems deployed two solar power arrays at Princeton University's Engineering Building. Story at RenewableEnergyAccess:  
<http://www.renewableenergyaccess.com/rea/partner/story;jsessionid=A39BF5669488F906D09AAAC8F1C81AEA?id=48311> or <http://tinyurl.com/2x8lpk>  
Premier Power: <http://www.premierpower.com/>  
Princeton Power Systems: <http://www.princetonpower.com/>

#### **4-30-07 Dyesol Results**

Dyesol reported on 3rd quarter 2007 results. See Dyesol news at:  
<http://www.dyesol.com/index.php?page=Home>

#### **4-30-07 China Sunergy IPO**

China Sunergy Co. Ltd filed for an IPO of up to \$100 million in American Depositary Shares. Press through Solarbuzz <http://www.solarbuzz.com/News/Corporate.asp> at:  
<http://www.forbes.com/feeds/ap/2007/04/26/ap3656624.html>

#### **4-30-07 XsunX Production Facility**

XsunX, Inc. is planning to build a multi-megawatt production facility in the U.S. to supply the growing domestic demand for solar cell products that can be easily integrated into buildings and houses. Press at: <http://www.marketwatch.com/news/story/story.aspx?guid={11E98DB7-F115-4C2A-AD20-9F98B8589C3F}&siteid=nbk&synd=> or <http://tinyurl.com/35bv3n>  
XsunX: <http://www.xsunx.com/>

#### **4-30-07 EMCORE Space PV Award**

EMCORE Corporation announced that the Photovoltaics Division has been awarded a \$2M contract by NASA's Jet Propulsion Laboratory Center for the design, manufacturing, testing and full delivery of fully integrated solar panels for the Mars Cruise Stage spacecraft. Press at:  
<http://www.marketwatch.com/news/story/story.aspx?guid={66420907-6FCD-47D2-8238-E672A9ABD177}&siteid=nbk&synd=> or <http://tinyurl.com/35ggzz>  
EMCORE: <http://www.emcore.com/>

#### **4-30-07 PV Activities in Japan**

The April 2007 issue of "PV Activities in Japan" is available [subscription] with coverage of global production volume of solar cells in 2006; government, local governments, suppliers and user activities; and new PV systems. Contact RTS Corporation, [ikki@rts-pv.com](mailto:ikki@rts-pv.com)

#### **4-30-07 Ascent Solar Executive Management Team**

Ascent Solar Technologies, Inc. announced that its Chairman Dr. Mohan Misra has agreed to also serve as the company's Chief Strategy Officer. Also, Mr. Ashutosh Misra, a member of the Board of Directors, will transition from his current consulting role to a full-time role as Senior Vice President for Operations and Corporate Affairs. Press at: <http://www.marketwatch.com/news/story/story.aspx?guid={5E9B405E-4434-452C-A63B-86861A32D272}&siteid=nbk&synd=> or <http://tinyurl.com/2hx3z4>  
Ascent Solar: <http://www.ascentsolar.com/>



#### **4-30-07 Blue Square Energy at Clean Technology Conference**

Blue Square Energy announced that it is participating in the Jefferies 3rd Annual Global Clean Technology Conference 2 May. Information at:

<http://www.marketwatch.com/news/story/story.aspx?guid={B0E8C38E-0653-46DD-81A6-71A5442BBCA8}&siteid=nbk&symb=> or <http://tinyurl.com/yptwnu>

Blue Square Energy: <http://www.bluesquareenergy.com/>

Jefferies: <http://www.jefferies.com/cositemgr.pl/html/OurFirm/ConferencesEvents/urls/0507clean.shtml> or <http://tinyurl.com/ywahjt>

#### **4-30-07 Renewable Energy Finance Forum**

Information on the 4th Renewable Energy Finance Forum – Wall Street, 20-21 June 2007 in New York, can be found at:

<http://www.euromoneyenergy.com/default.asp?Page=11&eventid=ECK162&LS=REA&site=energy> or <http://tinyurl.com/2vjaht>

#### **4-30-07 Materials Research Congress**

For information on the XVI International Materials Research Congress, Symposium 4: Photovoltaics, Solar Energy Materials and Thin Films, 19-23 August in Cancun, Mexico, see:

<http://www.amcm.org.mx:81/imrc2007/>

#### **4-30-07 Amtech Systems at Micro Cap Financial Conference**

Amtech Systems, Inc. announced that J.S. Whang, President and CEO, and Bradley C. Anderson, CFO, will present to investors at the 2007 AeA Micro Cap Financial Conference 8 May. Information at:

<http://www.marketwatch.com/news/story/story.aspx?guid={84B0D593-1EFF-4D01-A51A-6331373C5A98}&siteid=nbk&symb=> or <http://tinyurl.com/3dcqtp>

Conference: <http://www.aeanet.org/FinancialServices/AeAMicroCap.asp>

Amtech Systems: <http://www.amtechsystems.com/>

#### **4-30-07 Research Reports International Clean Energy Investing**

For information the 1st edition of the Clean Energy Investing report from Research Reports International, see: [http://www.researchreportsintl.com/products/product.cfm?report\\_ID=102](http://www.researchreportsintl.com/products/product.cfm?report_ID=102) or <http://tinyurl.com/2udpt9>

#### **4-30-07 Lux Research Cleantech Report**

According to this press, “Clean technology” has captured the attention of government, corporate, and financial leaders, with spending on R&D rising to \$48 billion in 2006, up 9% from 2005. However, there are warning signs of a bubble in the energy technology segment. More at:

<http://www.marketwatch.com/news/story/story.aspx?guid={52DE63BD-7344-4E13-A74F-CCAC01D71FB1}&siteid=nbk&symb=> or <http://tinyurl.com/2vs6zn> and

<http://www.insidegreentech.com/node/1097>

The Cleantech™ Report: <http://www.luxresearchinc.com/cleantech.php>

#### **4-30-07 Chinese Renewable Energy Markets**

The Chinese government is stepping up efforts to accelerate the development of renewable energy. See new analysis from Frost & Sullivan at:

<http://www.marketwatch.com/news/story/story.aspx?guid={2AF44030-7265-4A03-A867-C01B39B9CA2B}&siteid=nbk&symb=> or <http://tinyurl.com/2n8kj4>

Frost & Sullivan: <http://www.frost.com/prod/servlet/svcg.pag/EG00>